

2005 Integrated Energy Policy Report

COMMITTEE WORKSHOP ON THE ELECTRICITY DEMAND AND RETAIL PRICE DATA REQUIREMENTS

Commissioner John L. Geesman, Presiding Member

Commissioner James D. Boyd, Associate Member

September 20 and 21, 2004



2005 Integrated Energy Policy Report

COMMITTEE WORKSHOP ON THE ELECTRICITY DEMAND DATA REQUIREMENTS

September 20, 2004

Kevin M. Kennedy
Staff Program Manager
2005 Integrated Energy Policy Report



2005 Integrated Energy Policy Report

COMMITTEE WORKSHOP ON THE ELECTRICITY RETAIL PRICE DATA REQUIREMENTS

September 21, 2004

Kevin M. Kennedy
Staff Program Manager
2005 Integrated Energy Policy Report



Workshop Overview

- *Energy Report* overview
- Staff's data collection proposal overview
- Review of and comments on proposed forms & instructions
- Next steps



Integrated Energy Policy Report

- Integrated policy development:
“The integrated energy policy report shall present policy recommendations based on an in depth and integrated analysis of the most current and pressing energy issues facing the state....” (Pub. Res. Code 25302(b))



Integrated Energy Policy Report **(Continued)**

- **Common information base:**

“For the purpose of ensuring consistency in the underlying information that forms the foundation of energy policies and decisions affecting the state, those entities shall carry out their energy-related duties and responsibilities based upon the information and analyses contained in the report....” (Pub. Res. Code 25302(f))



Integrated Energy Policy Report

(Continued)

- Conduct assessments and forecasts:
“... To perform these assessments and forecasts, the commission may require submission of demand forecasts, resource plans, market assessments, and related outlooks from electric and natural gas utilities, transportation fuel and technology suppliers, and other market participants....” (Pub. Res. Code 25301(a))



Statewide coordination and evaluation

- Planning process needs to consider the entire state and region, including investor-owned utilities, municipal utilities, electric service providers, etc.
- Planning needs to integrate considerations of load growth, load management, generation planning, and transmission planning



Statewide coordination and evaluation

(Continued)

- Coordination with CPUC and CA ISO proceedings
- *Energy Report* process will:
 - estimate need for resource additions,
 - evaluate policies, and
 - recommend appropriate resource strategies



Statewide coordination and evaluation (Continued)

- CPUC's procurement process will:
 - produce IOU-specific procurement plans,
 - require competitive generation solicitations,
 - incorporate needed transmission upgrades, and
 - guide preferred resource acquisition to ensure resource adequacy on a biennial cycle beginning in 2006.



Statewide coordination and evaluation

(Continued)

- The CA ISO's Annual Grid Planning Process :
 - receives information from the CPUC's procurement process and the *Energy Report*
 - integrates this information into a comprehensive view for the CA ISO-controlled grid, and
 - develops a project-specific set of preferred transmission projects.



Statewide coordination and evaluation

(Continued)

- *Energy Report* process provides forum for consideration of statewide and regional issues
- Development of integrated statewide policy must address parties not under jurisdiction of the CPUC or part of the CA ISO control area



Disaggregation of Load Forecast

- Forecast will be done to the level of individual load serving entities
- Staff is working with the ISO to provide more disaggregated data for use in the transmission planning process



Environmental Issues

- *Energy Report* includes evaluation of environmental performance of the system
- Need to include consideration of environmental impacts as part of the planning and procurement process



Data Collection Efforts

- This workshop is first in a series that will review staff's data collection proposals for the *2005 Energy Report* proceeding
- Future workshops will focus on proposals relating to data on electricity supply, natural gas, transmission, environmental impacts, and transportation fuels



Next steps

- Following this workshop and review of written comments, the Committee will issue an order directing parties to submit certain data and analyses
- Staff will prepare revised forms and instructions under Committee direction that will accompany the order
- The order will include filing deadlines



Next steps (Continued)

- Load forecasts by staff and LSEs in early 2005
- Hearings on forecasts in March 2005
- After hearings, Committee directs preparation of forecasts for adoption by Energy Commission
- Forecasts refreshed with new load data for final adoption with *2005 Energy Report* in fall 2005



Plan for today

- Staff will provide overview of the analyses we plan to conduct, and how the data and analyses we are requesting relate to those plans
- *Questions and comments*
- Staff will walk through the forms and instructions
- *Questions and comments on each part of the forms and instructions*
- *General comments*

